

| Learning to Fly: The Wright Brother's Adventure           |       |             |   |
|---|-------|-------------|---|
| 2004 Mathematics  |       |             |   |
| Performance Standards                                     |       |             |   |
| Georgia Mathematics                                       |       |             |   |
| Grade 6   |       |             |   |
| Activity/Lesson   | State | Standards   |   |
| 1902: Success at Last                                     | GA    | MA.6.M6N1.f | Use fractions, decimals, and percents interchangeably.  |
| 1902: Success at Last                                     | GA    | MA.6.M6N1.g | Solve problems involving fractions, decimals, and percents.   |
| 1902: Success at Last                                     | GA    | MA.6.M6A2.c | Use proportions ( $a/b=c/d$ ) to describe relationships and solve problems, including percent problems.         |
| 1903: Powered Flight                                      | GA    | MA.6.M6M4.c | Estimate the surface area of simple geometric solids.   |
| 1903: Powered Flight                                      | GA    | MA.6.M6D1.b | Using data, construct frequency distributions, frequency tables, and graphs.                                    |
| 1903: Powered Flight                                      | GA    | MA.6.M6D1.d | Use tables and graphs to examine variation that occurs within a group and variation that occurs between groups. |
|   |       |             |   |
| Learning to Fly: The Wright Brother's Adventure           |       |             |   |
| 2004 Mathematics  |       |             |   |
| Performance Standards                                     |       |             |   |
| Georgia Mathematics                                       |       |             |   |
| Grade 7   |       |             |   |
| Activity/Lesson   | State | Standards   |   |
| New Data  | GA    | MA.7.M7N1.a | Find the absolute value of a number and understand it as the distance from zero on a number line.               |
| 1902: Success at Last                                     | GA    | MA.7.M7N1.a | Find the absolute value of a number and understand it as the distance from zero on a number line.               |
| 1903: Powered Flight                                      | GA    | MA.7.M7N1.a | Find the absolute value of a number and understand it as the distance from zero on a number line.               |
|   |       |             |   |
| Learning to Fly: The Wright Brother's Adventure           |       |             |   |
| 2004 Mathematics  |       |             |   |
| Performance Standards                                     |       |             |   |
| Georgia Mathematics                                       |       |             |   |
| Grade 8   |       |             |   |
| Activity/Lesson   | State | Standards   |   |
| 1903: Powered Flight                                      | GA    | MA.8.M8N1.f | Estimate square roots of positive numbers.  |
|   |       |             |   |
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| 2004 Mathematics  |       |             |   |
| Performance Standards                                     |       |             |   |
| Georgia Mathematics                                       |       |             |   |
| Grades 9-12 (Mathematics I: Algebra/Geometry/Statistics1) |       |             |   |
| Activity/Lesson   | State | Standards   |   |

|   |              |                  |   |
|---|--------------|------------------|---|
| New Data  | GA           | MA.9-12.MM1G1.a  | Determine the distance between two points.  |
| New Data  | GA           | MA.9-12.MM1G1.b  | Determine the distance between a point and a line.  |
| 1902: Success at Last   | GA           | MA.9-12.MM1G1.a  | Determine the distance between two points.  |
| 1902: Success at Last   | GA           | MA.9-12.MM1G1.b  | Determine the distance between a point and a line.  |
| 1903: Powered Flight  | GA           | MA.9-12.MM1G1.a  | Determine the distance between two points.  |
| 1903: Powered Flight  | GA           | MA.9-12.MM1G1.b  | Determine the distance between a point and a line.  |
|   |              |                  |   |
| <b>Learning to Fly: The Wright Brother's Adventure</b>              |              |                  |   |
| <b>2004 Mathematics</b>   |              |                  |   |
| <b>Performance Standards</b>  |              |                  |   |
| <b>Georgia Mathematics</b>  |              |                  |   |
| <b>Grades 9-12 (Mathematics II: Geometry/Algebra II/Statistics)</b> |              |                  |   |
| <b>Activity/Lesson</b>  | <b>State</b> | <b>Standards</b> |   |
| 1903: Powered Flight  | GA           | MA.9-12.MM2A1.c  | Solve absolute value equations and inequalities analytically, graphically, and by using appropriate technology. |